

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132574.D
 Acq On : 28 Feb 2023 16:16
 Operator : CG\JU
 Sample : 01723-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-2

Quant Time: Feb 28 16:39:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

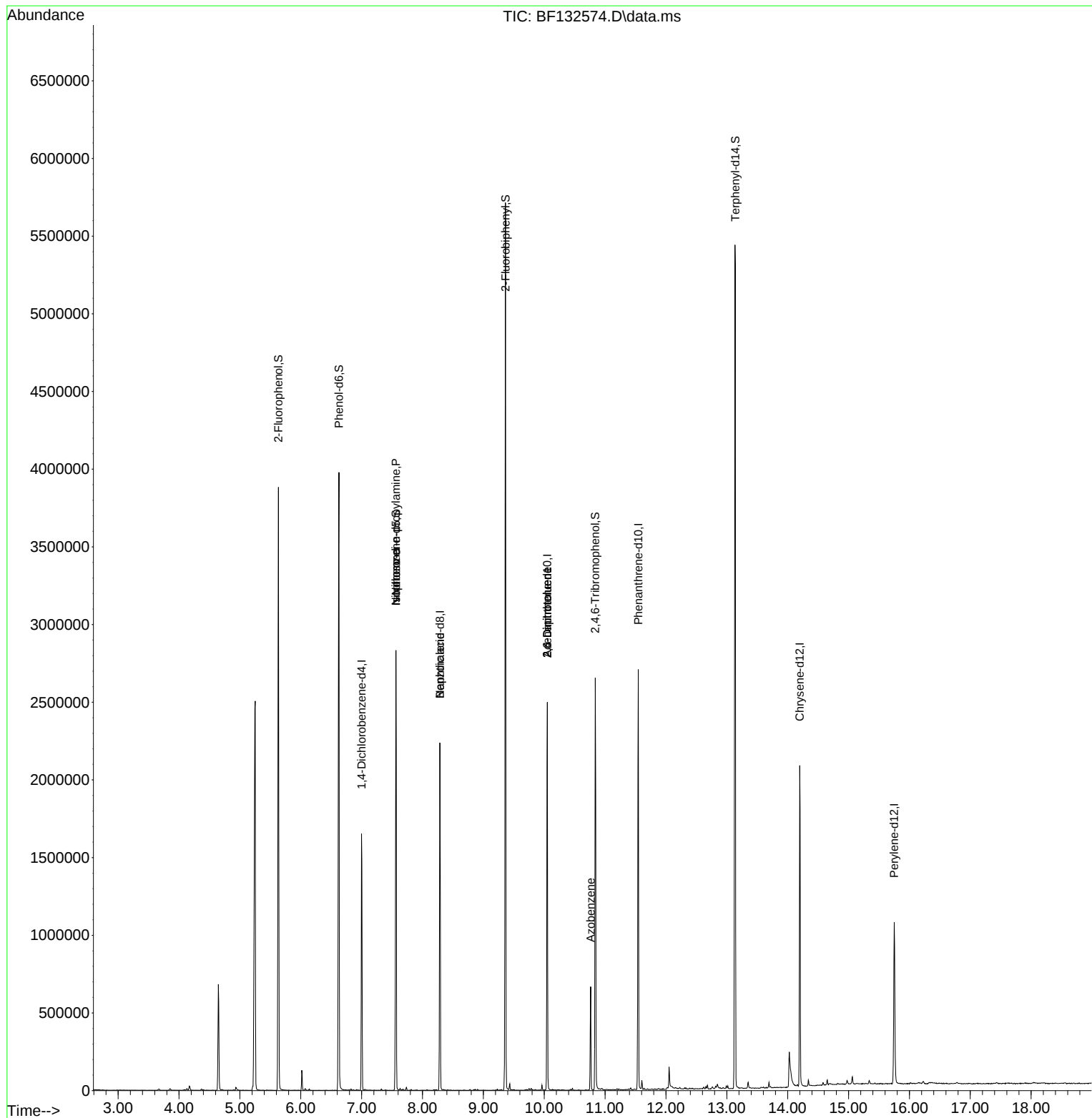
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	253040	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	923844	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	502019	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	994829	20.000	ng	0.00
76) Chrysene-d12	14.198	240	699104	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	517159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1036437	66.476	ng	0.00
7) Phenol-d6	6.628	99	1493516	73.399	ng	0.00
23) Nitrobenzene-d5	7.563	82	982682	50.466	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	302734	55.839	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1692833	51.345	ng	0.00
79) Terphenyl-d14	13.139	244	2178392	52.683	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.563	70	129688	10.356	ng	# 75
25) Isophorone	7.563	82	982668	26.322	ng	# 67
32) Benzoic acid	8.287	122	237	3.855	ng	# 1
51) 2,6-Dinitrotoluene	10.051	165	63573	7.637	ng	# 22
57) 2,4-Dinitrotoluene	10.051	165	63574	5.740	ng	# 21
63) Azobenzene	10.763	77	114819	3.037	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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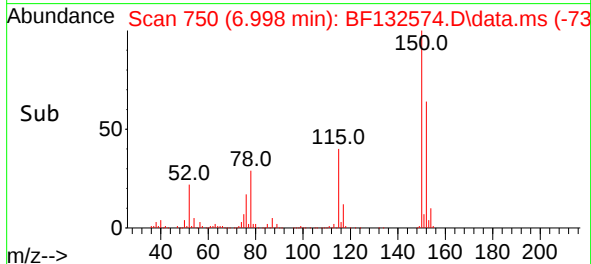
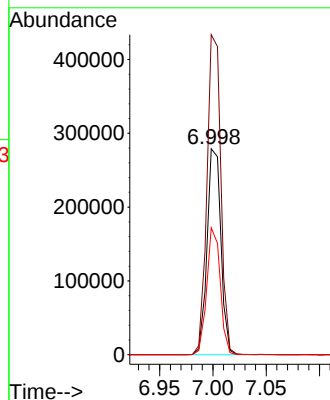
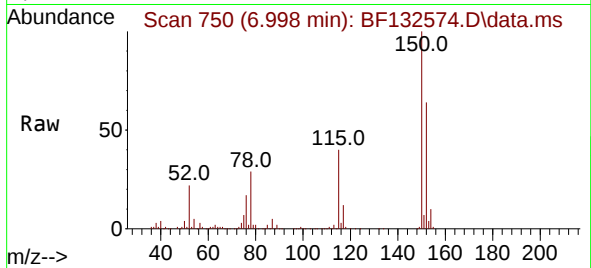




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

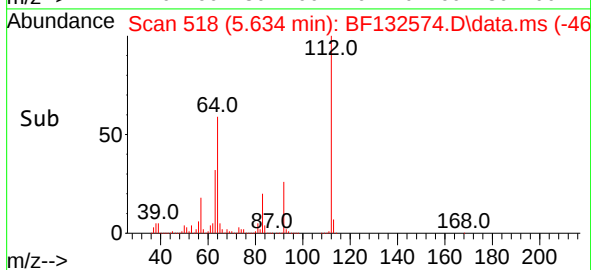
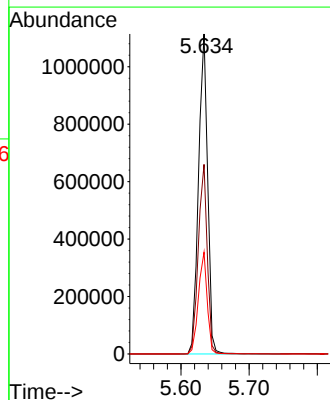
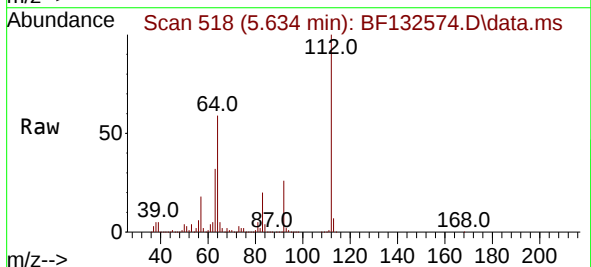
Instrument :
BNA_F
ClientSampleId :
HH-CON-2

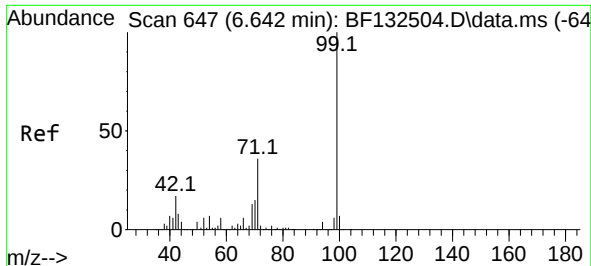
Tgt Ion:152 Resp: 253040
Ion Ratio Lower Upper
152 100
150 155.4 125.4 188.2
115 61.6 47.8 71.6



#5
2-Fluorophenol
Concen: 66.476 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

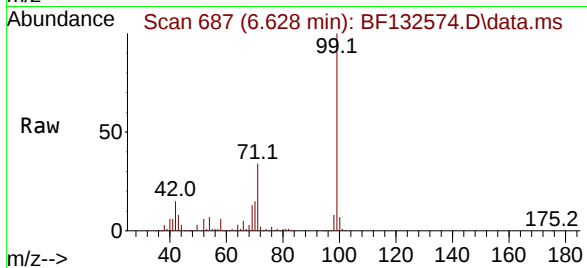
Tgt Ion:112 Resp: 1036437
Ion Ratio Lower Upper
112 100
64 59.2 51.6 77.4
63 31.8 27.4 41.2





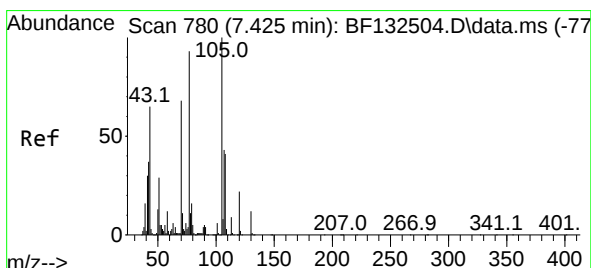
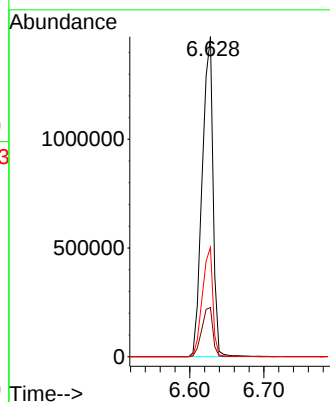
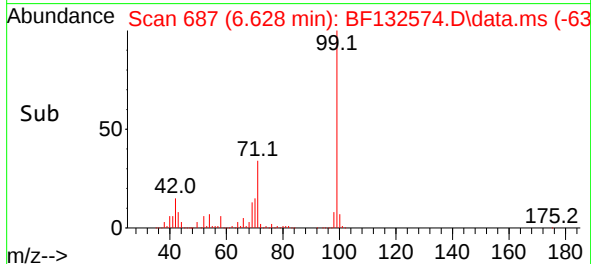
#7
Phenol-d6
Concen: 73.399 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

Instrument :
BNA_F
ClientSampleId :
HH-CON-2

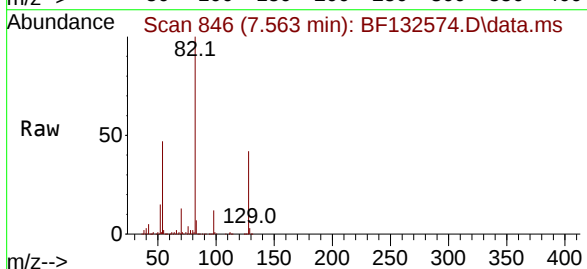


Tgt Ion: 99 Resp: 1493516

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.9	20.9
71	34.1	28.5	42.7

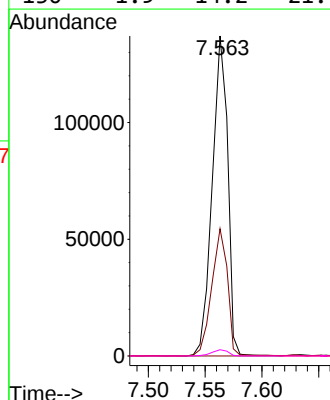
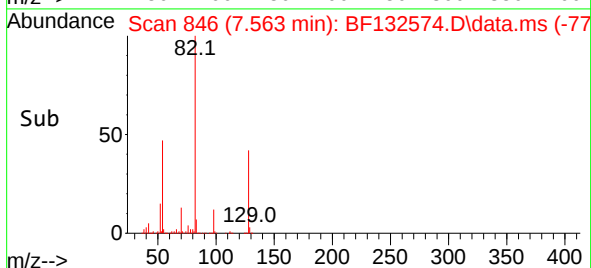


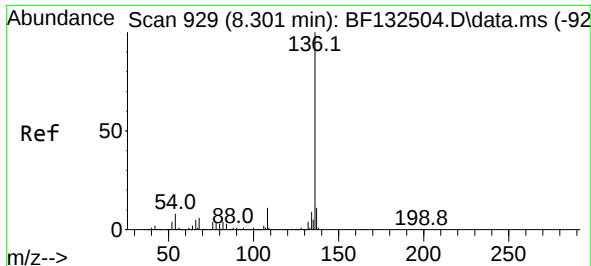
#19
n-Nitroso-di-n-propylamine
Concen: 10.356 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16



Tgt Ion: 70 Resp: 129688

Ion	Ratio	Lower	Upper
70	100		
42	39.8	44.1	66.1#
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#



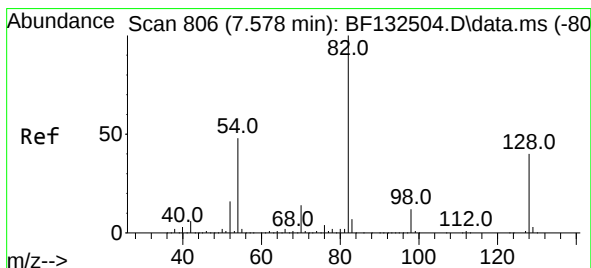
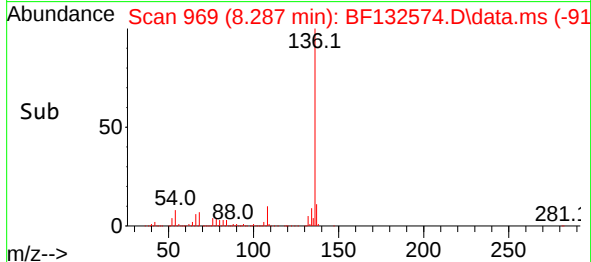
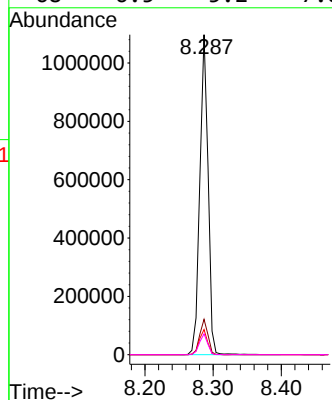
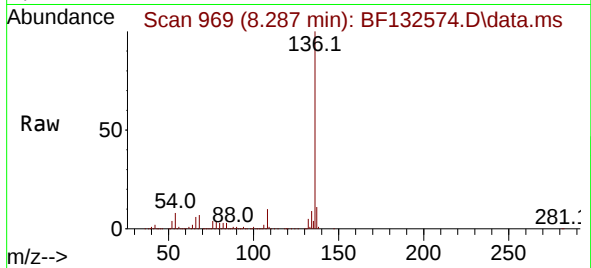


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 90
Delta R.T. -0.003 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

Instrument :
BNA_F
ClientSampleId :
HH-CON-2

Tgt Ion:136 Resp: 923844

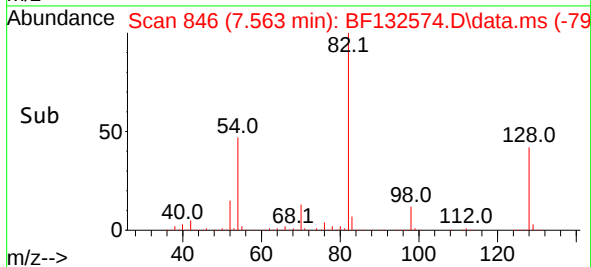
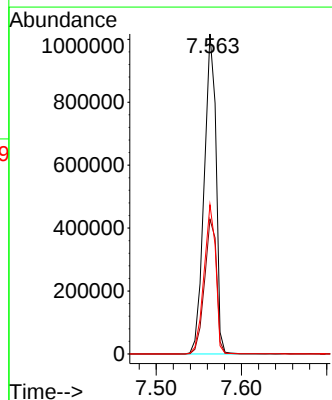
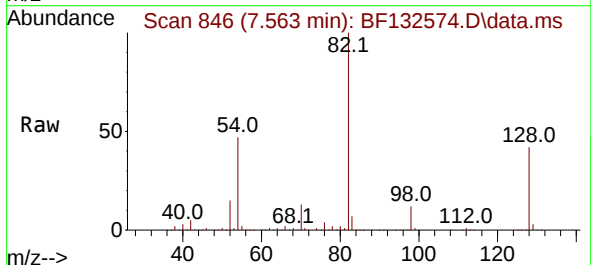
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.2	9.4
68	6.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 50.466 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

Tgt Ion: 82 Resp: 982682

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.2	48.2
54	46.6	38.4	57.6

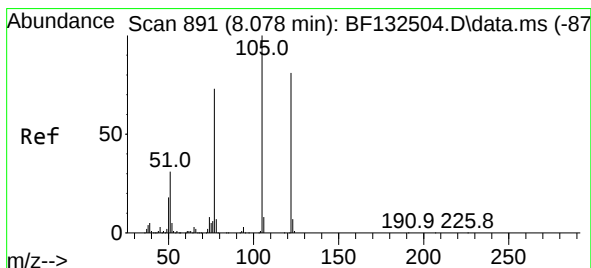
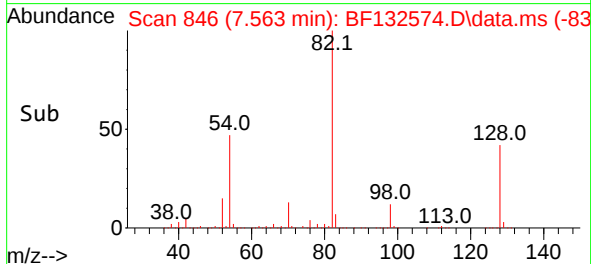
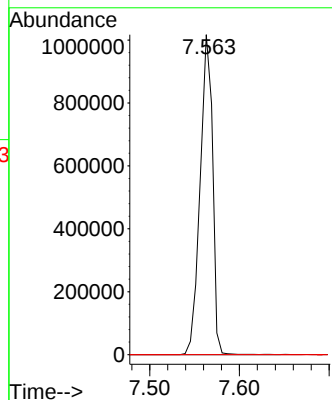
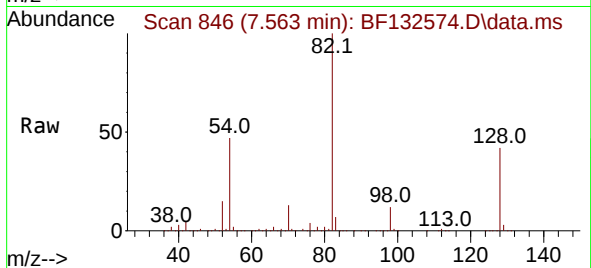




#25
Isophorone
Concen: 26.322 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

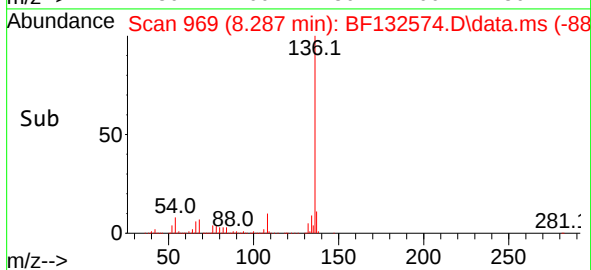
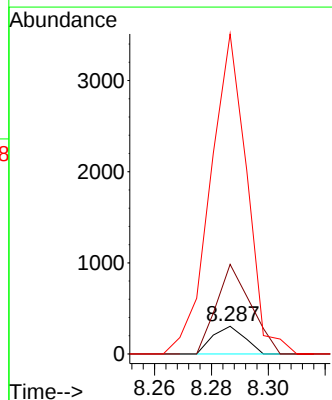
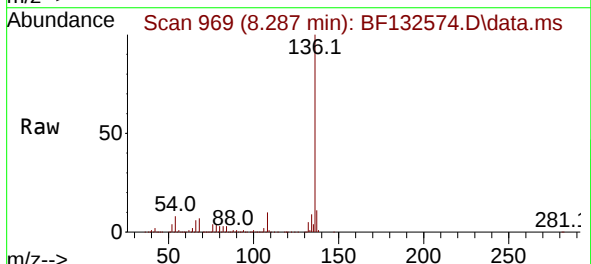
Instrument :
BNA_F
ClientSampleId :
HH-CON-2

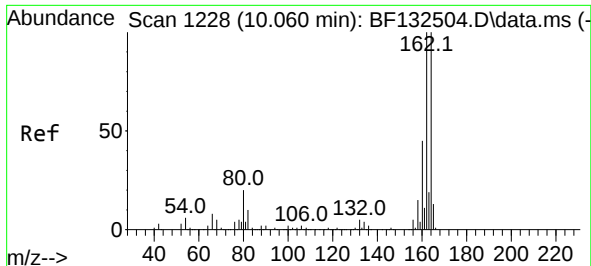
Tgt Ion: 82 Resp: 982668
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.855 ng
RT: 8.287 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

Tgt Ion:122 Resp: 237
Ion Ratio Lower Upper
122 100
105 323.7 102.6 142.6#
77 1154.9 70.2 110.2#

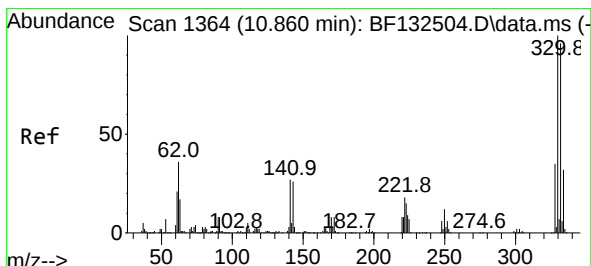
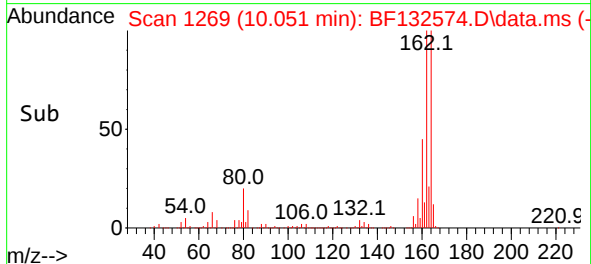
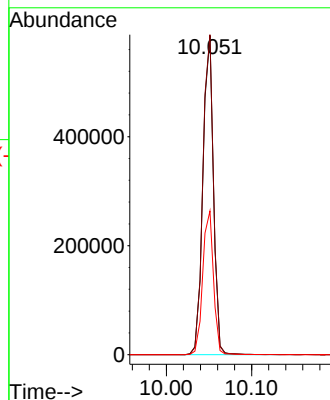
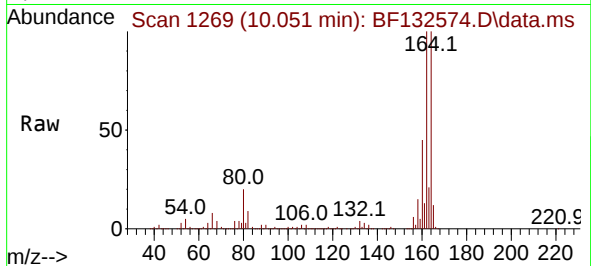




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

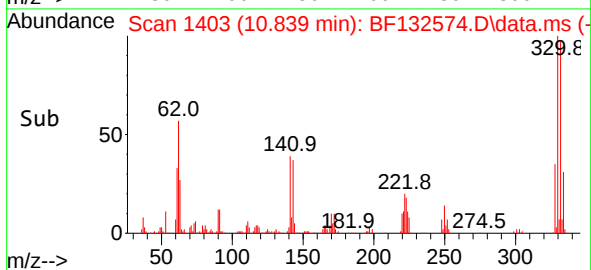
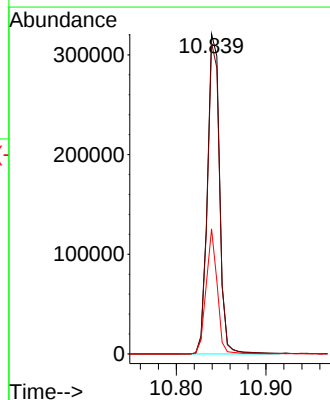
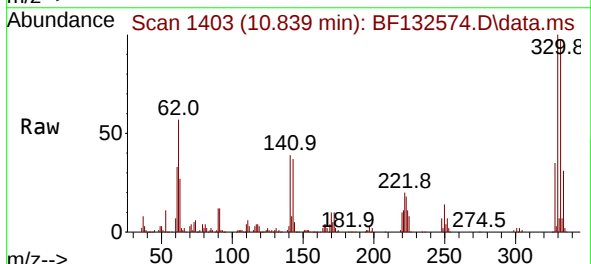
Instrument :
BNA_F
ClientSampleId :
HH-CON-2

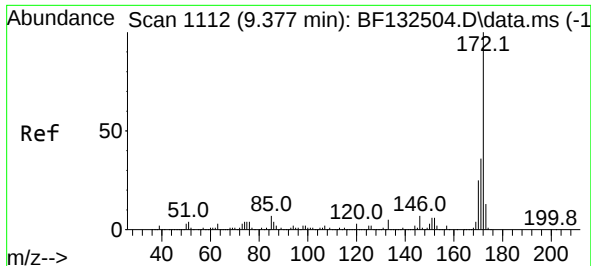
Tgt Ion:164 Resp: 502019
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 45.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 55.839 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

Tgt Ion:330 Resp: 302734
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 35.3 28.4 42.6

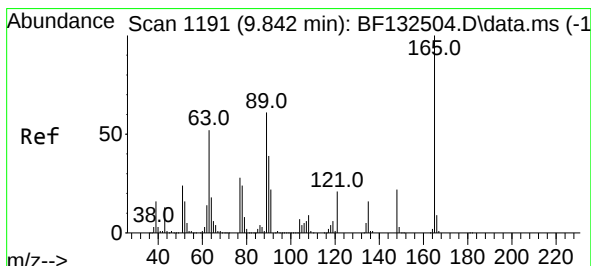
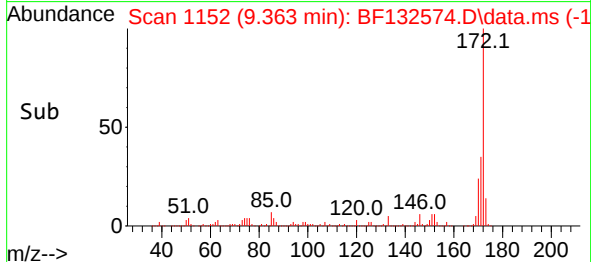
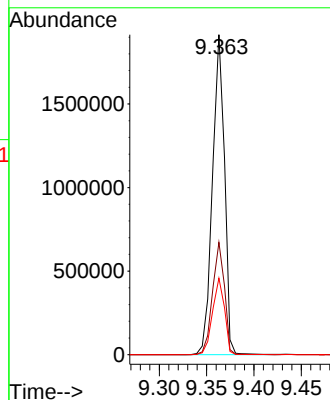
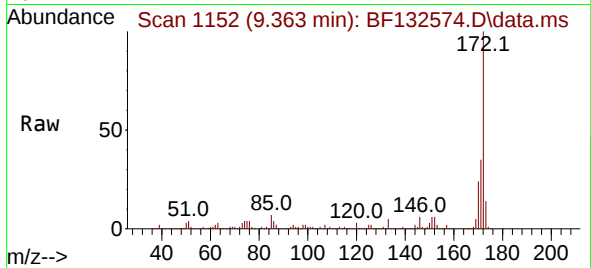




#45
2-Fluorobiphenyl
Concen: 51.345 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

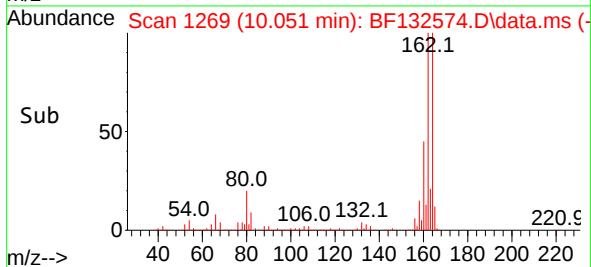
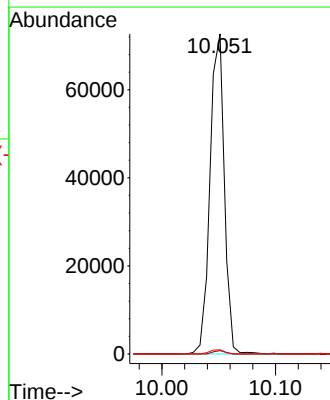
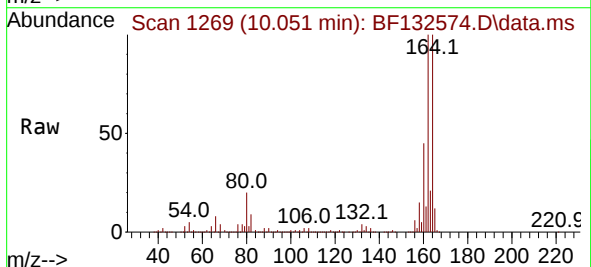
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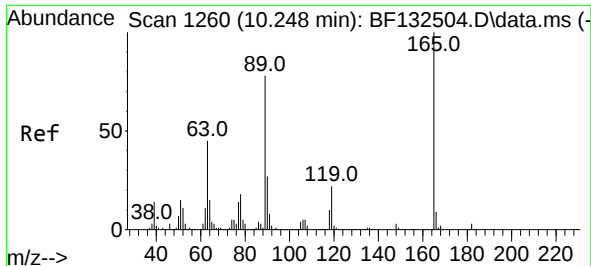
Tgt Ion:172 Resp: 1692833
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.9 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.637 ng
RT: 10.051 min Scan# 1269
Delta R.T. 0.215 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

Tgt Ion:165 Resp: 63573
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.3 48.9 73.3#

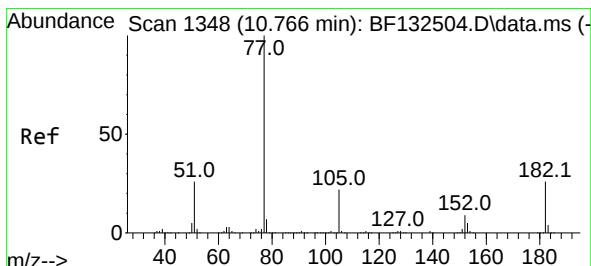
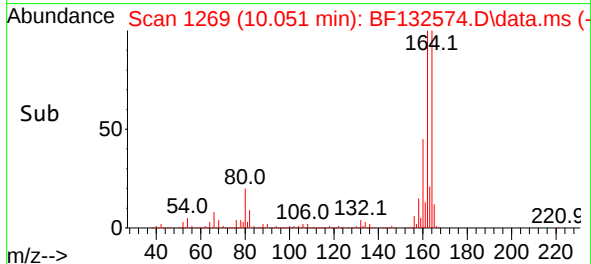
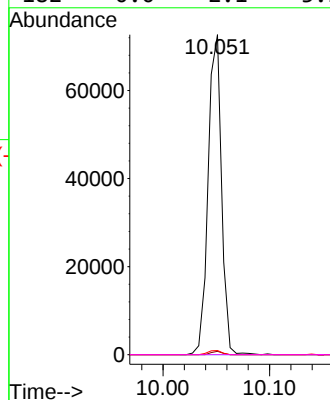
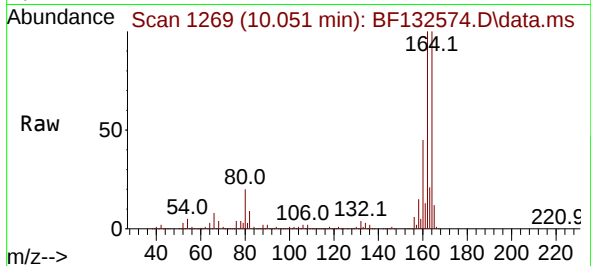




#57
2,4-Dinitrotoluene
Concen: 5.740 ng
RT: 10.051 min Scan# 1390
Delta R.T. -0.191 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

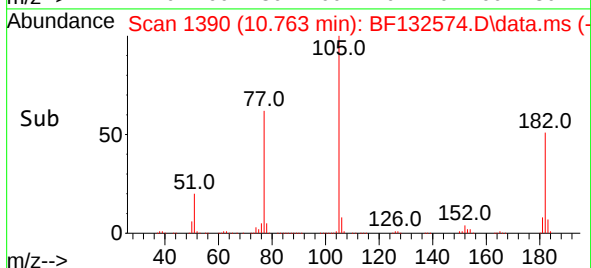
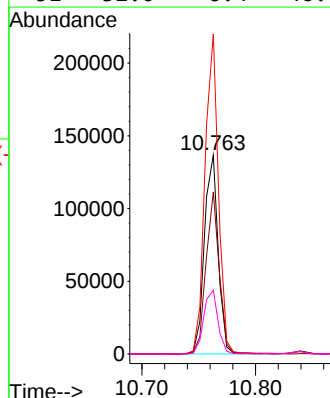
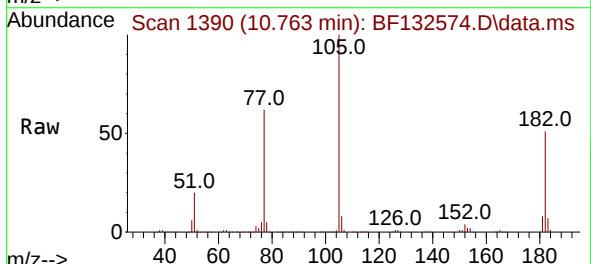
Instrument :
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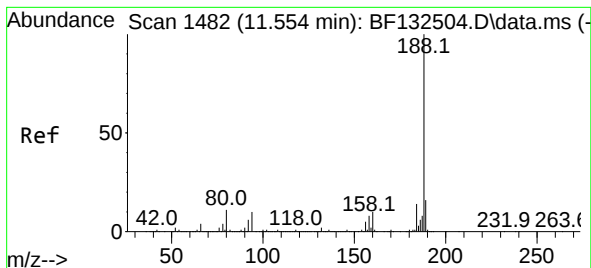
Tgt Ion:165 Resp: 63574
Ion Ratio Lower Upper
165 100
63 1.0 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.037 ng
RT: 10.763 min Scan# 1390
Delta R.T. 0.009 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

Tgt Ion: 77 Resp: 114819
Ion Ratio Lower Upper
77 100
182 81.5 5.5 45.5#
105 160.9 1.8 41.8#
51 32.0 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132574.D

Acq: 28 Feb 2023 16:16

Instrument :

BNA_F

ClientSampleId :

HH-CON-2

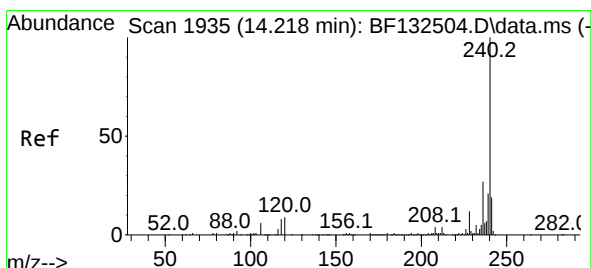
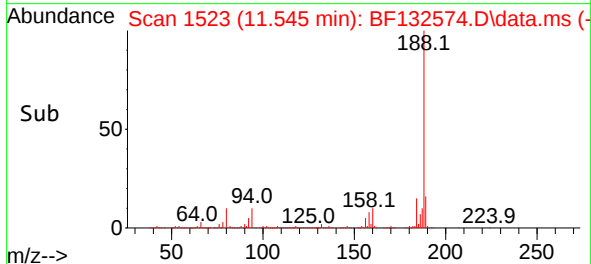
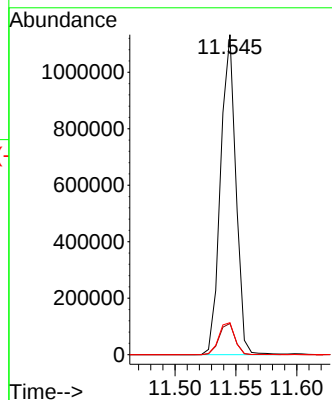
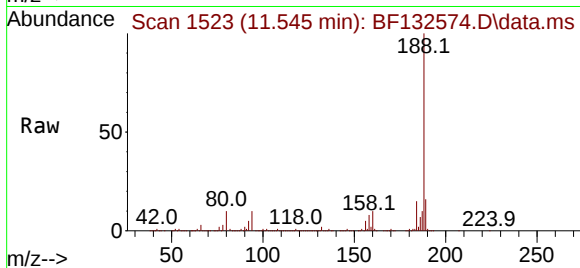
Tgt Ion:188 Resp: 994829

Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 10.0 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.198 min Scan# 1974

Delta R.T. -0.009 min

Lab File: BF132574.D

Acq: 28 Feb 2023 16:16

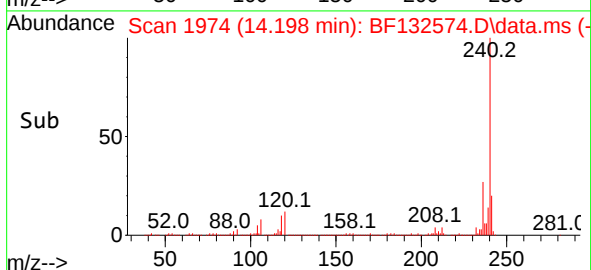
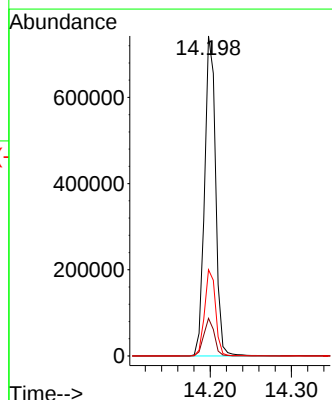
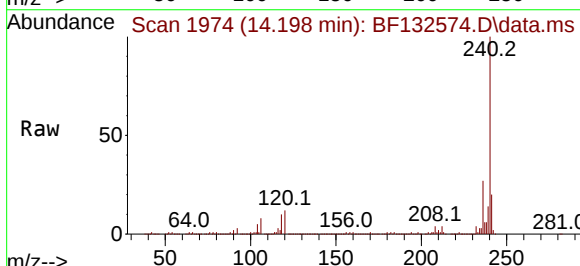
Tgt Ion:240 Resp: 699104

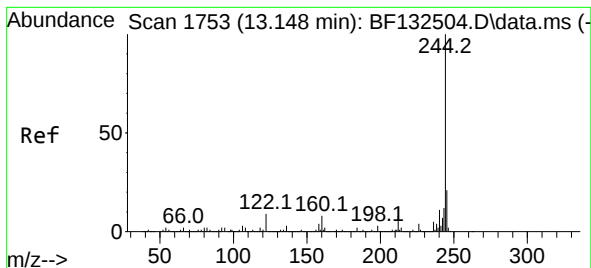
Ion Ratio Lower Upper

240 100

120 11.7 7.2 10.8#

236 26.9 21.8 32.6





#79

Terphenyl-d14

Concen: 52.683 ng

RT: 13.139 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132574.D

Acq: 28 Feb 2023 16:16

Instrument :

BNA_F

ClientSampleId :

HH-CON-2

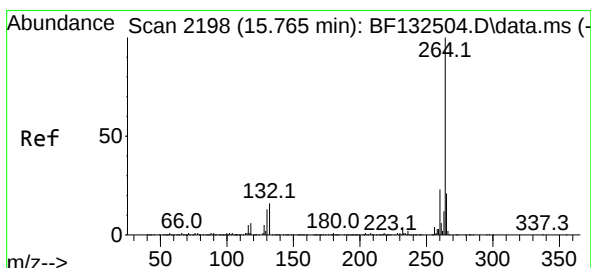
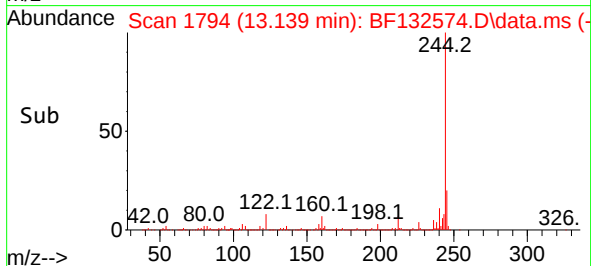
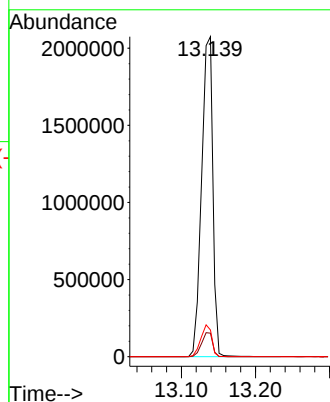
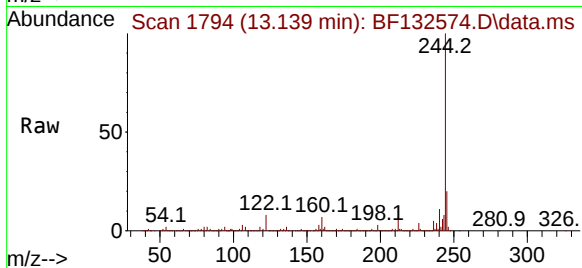
Tgt Ion:244 Resp: 2178392

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.3 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.751 min Scan# 2238

Delta R.T. -0.003 min

Lab File: BF132574.D

Acq: 28 Feb 2023 16:16

Tgt Ion:264 Resp: 517159

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.3 17.1 25.7

